Notes 5/21 – Fractions and Mental Math

Find Fractional Parts

Remember "of" means multiply

Remember $\times \frac{1}{3} = \div 3$

$\times \frac{1}{x} = \div x$

Ex: $\frac{1}{3}$ of $15 = 15 \div 3 = 5$

$\frac{2}{3}$ of $15 = \frac{2}{\cancel{3}} \cdot \cancel{15}^{5} = 10$

$\frac{15}{3} = 5 \quad 5 \cdot 2 = 10$

$\frac{3}{4}$ of $12 = \frac{3 \cdot \cancel{12}}{\cancel{4}}\ 3 = 9$

$\frac{13}{\cancel{30}}$ of $\cancel{300}\ 10 \quad 13 \cdot 10 = 130$

$\frac{200}{4} = 50 \quad \frac{20}{4} = 5 \rightarrow$ put the 0 back on